



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
Docket No. P-4423

#6/16
8/4/00
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APPLICANT(S): D. J. Wright, et al.
SERIAL NO. 09/335,218 ART UNIT: 1655
FILING DATE: June 17, 1999 EXAMINER: B. Forman
TITLE: Methods and Oligonucleotides for Detecting Nucleic Acid Sequence Variations

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231
On: 7-14-00
By: Donna M. Baumann
Donna M. Baumann 7-14-00
(signature) (date)

AMENDMENT UNDER 37 CFR §1.111

This is in response to the Office Action dated April 21, 2000, issued for the subject patent application. Claims 1-24 are rejected and a response is due by July 21, 2000. Applicants traverse the rejection and request reconsideration thereof in view of the following amendments and remarks.

IN THE CLAIMS

New Claims: Please add the following new claims:

- Sub B17
112
55. (New) A method for detecting a single nucleotide polymorphism in a target sequence comprising:
- a) hybridizing to the target sequence a detector primer comprising a diagnostic nucleotide for the single nucleotide polymorphism;
 - b) in a primer extension reaction, displacing the detector primer by extension of a second primer hybridized to the target sequence upstream of the detector primer, and;
 - c) detecting the presence or absence of the single nucleotide polymorphism based on an efficiency of detector primer extension.

56. (New) The method of Claim 55 wherein the single nucleotide polymorphism is identified using the detector primer.

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01 FC:103 144.00 CH
02 FC:102 78.00 CH

6P91655

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): **D.J. Wright et al.**

Docket No.

P-4423

Serial No.

09/335,218

Filing Date

June 17, 1999

Examiner

B. Forman

Group Art Unit

1655

Invention: **METHODS AND OLIGONUCLEOTIDES FOR DETECTING NUCLEIC ACID SEQUENCE VARIATIONS**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

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CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	62 -	54 =	8 x	\$18.00	\$144.00
INDEP. CLAIMS	5 -	4 =	1 x	\$78.00	\$78.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$222.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. **02-1666** in the amount of
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Donna R. Fugit
Signature

Dated: **July 14, 2000**

Donna R. Fugit, Ph.D.
Agent for Applicants
Reg. No. 32,135
Becton, Dickinson and Company
1 Becton Drive
Franklin Lakes, New Jersey 07417
201-847-7166

I certify that this document and fee is being deposited on **7-14-2000** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Donna M. Baumann
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Donna M. Baumann

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